

Hospitalizations for Work-related Injuries

Massachusetts 2001

Nature of Injury by Body Region

				Gender		Gender	
				Female	Male	Female	Male
Nature of Injury	Body Region	Number of Injuries	Injuries per 100,000 FTEs	Number of Injuries	Number of Injuries	Injuries per 100,000 FTEs	Injuries per 100,000 FTEs
ALL INJURIES		1543	51.61	239	1304	18.97	75.38
FRACTURES		840	28.09	161	679	12.78	39.25
	Head & Neck	47	1.57	(a)	46	(a)	2.66
	Torso	124	4.15	8	116	0.63	6.71
	Extremities	669	22.37	152	517	12.06	29.88
DISLOCATION		31	1.04	5	26	0.40	1.50
	Torso	13	0.43	(a)	11	(a)	0.64
	Extremities	18	0.60	(a)	15	(a)	0.87
SPRAINS & STRAINS		147	4.92	23	124	1.83	7.17
	Torso	29	0.97	4	25	0.32	1.45
	Extremities	118	3.95	19	99	1.51	5.72
INTERNAL ORGAN		106	3.55	9	97	0.71	5.61
	Head & Neck	49	1.64	6	43	0.48	2.49
	Torso	57	1.91	(a)	54	(a)	3.12
OPEN WOUNDS		130	4.35	14	116	1.11	6.71
	Head & Neck	29	0.97	4	25	0.32	1.45
	Torso	9	0.30	(a)	9	(a)	0.52
	Extremities	92	3.08	10	82	0.79	4.74
AMPUTATIONS		65	2.17	4	61	0.32	3.53
	Extremities	65	2.17	4	61	0.32	3.53
SUPERFICIAL/CONTUSIONS		21	0.70	4	17	0.32	0.98
	Head & Neck	(a)	(a)	(a)	(a)	(a)	(a)
	Torso	5	0.17	(a)	5	(a)	0.29
	Extremities	14	0.47	4	10	0.32	0.58
CRUSHING		28	0.94	(a)	26	(a)	1.50
	Extremities	28	0.94	(a)	26	(a)	1.50
BURNS		83	2.78	10	73	0.79	4.22
	Head & Neck	22	0.74	(a)	19	(a)	1.10
	Torso	11	0.37	(a)	9	(a)	0.52
	Extremities	48	1.61	5	43	0.40	2.49
OTHER & UNSPECIFIED (b)		92	3.08	7	85	0.56	4.91
	Head & Neck	8	0.27	(a)	8	(a)	0.46
	Torso	7	0.23	(a)	6	(a)	0.35
	Extremities	22	0.74	4	18	0.32	1.04

Source: Hospital Discharge Data, for 1 January 2001 through 31 December 2001, Massachusetts Department of Health Care Finance and Policy

(a) Counts not shown and rates not calculated for cells with less than four cases. Rates based on counts less than 20 may be unstable

(b) Other and unspecified includes blood vessel injuries, nerve injuries, systemwide and late effects and nature of injury unspecified or missing.

A hospitalization for an injury is defined as a any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

Attribution of work-relatedness based on designation of Workers' Compensation Insurance as expected payer.

Injuries per 100,000 FTE calculated as number of injuries / FTEs*100,000. FTEs= total hours per year/2000.

Total hours worked for Massachusetts residents obtained from Current Population Survey(CPS), US Census Bureau, for January 2001 through December 2001

Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell, et al, Inj Prev. 2002 Jun;8(2):91-6.